



National Weather Service

Storm Data and Unusual Weather Phenomena



December 2000

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

CONNECTICUT, Northeast

| | | | | | | | | | |
|--------|----------|--------------------|--|--|---|---|--|--|-----------------|
| CTZ002 | Hartford | | | | | | | | |
| | 12 | 0800EST 1800EST | | | 0 | 0 | | | High Wind (G50) |

| | | | | | | | | | |
|------------|-------------------|--------------------|--|--|---|---|--|--|-------------|
| CTZ003>004 | Tolland - Windham | | | | | | | | |
| | 12 | 0800EST 1800EST | | | 0 | 0 | | | Strong Wind |

A strong cold front brought damaging wind gusts to Hartford County, especially in the higher elevations where gusts of nearly 60 mph were reported. Trees and wires were reported down in Farmington and Plainville. Gusts of 45 to 55 mph were common in Tolland and Windham Counties, where there were scattered reports of downed tree limbs and wires. One large tree was downed in Willington.

| | | | | | | | | | |
|------------|------------------------------|--------------------|--|--|---|---|--|--|-----------------|
| CTZ002>004 | Hartford - Tolland - Windham | | | | | | | | |
| | 17 | 1100EST 2200EST | | | 0 | 0 | | | High Wind (G50) |

A rapidly strengthening low pressure system west of New England brought a period of damaging southerly winds to northern Connecticut, as lines of showers passed through southern New England. Following the passage of a strong cold front in the afternoon, increasing northwest winds caused additional damage. Peak wind gusts of nearly 60 mph were common in Hartford, Tolland, and Windham Counties. There were several reports of downed trees and wires, and several thousand electric customers were left without power.

| | | | | | | | | | |
|--------|----------|---------|--|--|---|---|--|--|-------|
| CTZ002 | Hartford | | | | | | | | |
| | 19 | 0500EST | | | 0 | 0 | | | Flood |
| | 21 | 0400EST | | | | | | | |

Connecticut River

Minor flooding occurred on the mainstem Connecticut River from Thompsonville downstream through Hartford and Middletown. Runoff from snow melt and heavy rain in northern New England, associated with the December 17th windstorm, worked its way down the reach of the river and produced crests of less than one foot above flood stage. A crest of 5.16 feet occurred at Thompsonville at 9 am on the 19th, just over its 5 foot flood stage. Hartford crested at 16.70 feet at 1130 pm on the 19th, a little more than half a foot over its flood stage of 16 feet, and Middletown crested at 8.51 feet at 10 am on the 20th, half a foot over its 8 foot flood stage. There were no reports of flood damage, since flood waters were limited to low lying areas surrounding the river

| | | | | | | | | | |
|------------|------------------------------|--------------------|--|--|---|---|--|--|------------|
| CTZ002>004 | Hartford - Tolland - Windham | | | | | | | | |
| | 30 | 1300EST 2100EST | | | 0 | 0 | | | Heavy Snow |

The season's first winter storm dumped nearly a foot of snow over parts of northern Connecticut. Since the storm occurred on a Saturday, no major travel problems were noted, aside from flight delays at Bradley International Airport in Windsor Locks. Some of the higher snowfall totals reported include 11 inches in Glastonbury and Vernon; 10 inches in Burlington, East Granby, Windsor, Union, and Thompson; 9 inches in Manchester, South Windsor, Farmington, and Woodstock; and 6 to 8 inches in Canton, Rocky Hill, West Hartford, Stafford Springs, Putnam, and Ashford.

MASSACHUSETTS, Central and East

| | | | | | | | | | |
|--|--|--------------------|--|--|---|---|--|--|-------------|
| MAZ002>006-008>010-013>014-017-019-023 | Western Franklin - Eastern Franklin - Northern Worcester - Western Middlesex - Western Essex - Western Hampshire - Western Hampden - Eastern Hampshire - Western Norfolk - Southeast Middlesex - Northern Bristol - Eastern Plymouth - Dukes | | | | | | | | |
| | 12 | 0800EST 1800EST | | | 0 | 0 | | | Strong Wind |



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|----------|------|----------------------------|---------------------------|--------------------------|--------|---------------------------------|---------------------------------|-------|--------------------|

MASSACHUSETTS, Central and East

MAZ007-011>012-015>016-018-020>022-024 **Eastern Essex - Eastern Hampden - Southern Worcester - Suffolk - Eastern Norfolk - Western Plymouth - Southern Bristol - Southern Plymouth - Barnstable - Nantucket**

**12 0800EST
1800EST 0 0 High Wind (G68)^M**

A strong cold front brought damaging wind gusts to parts of Massachusetts. Most of the wind damage was concentrated along the coastal plain of eastern Massachusetts, as well as in the higher elevations of Hampden and southern Worcester counties, but there were scattered reports of damage in other areas of the Bay State. Wind gusts of 50 to 60 mph were common, but a gust as high as 76 mph was reported at the New Bedford Hurricane Barrier. There were many reports of downed trees, tree limbs, and power lines. A total of about 10,000 electric customers were left without power throughout the state.

MAZ015 Suffolk
**17 0000EST
2359EST 0 0 Record Warmth**
Logan International Airport, Boston

MAZ002>004-006>010 **Western Franklin - Eastern Franklin - Northern Worcester - Western Essex - Eastern Essex - Western Hampshire - Western Hampden - Eastern Hampshire**
**17 1100EST
2200EST 0 0 Strong Wind**

MAZ005-011>024 **Western Middlesex - Eastern Hampden - Southern Worcester - Western Norfolk - Southeast Middlesex - Suffolk - Eastern Norfolk - Northern Bristol - Western Plymouth - Eastern Plymouth - Southern Bristol - Southern Plymouth - Barnstable - Dukes - Nantucket**
**17 1100EST
2200EST 0 0 High Wind (G68)^M**

A rapidly strengthening low pressure system west of New England brought a period of damaging southerly winds to much of the Bay State, as lines of showers passed through southern New England. The warm southerly winds boosted the temperature to 64 degrees at Logan International Airport in Boston, which broke the previous record high for the date of 62 degrees set in 1984.

Following the passage of a strong cold front later in the day, increasing northwest winds caused damage over the same areas. Most of the damage was concentrated in eastern Massachusetts, and also in the higher terrain surrounding the Connecticut River. There were countless reports of downed trees, tree limbs, and wires. Over 11,000 electric customers were left without power. Ferry service between Hyannis and Nantucket was suspended for a time due to the high winds and rough seas. A peak wind gust to 78 mph was reported at the Blue Hill Observatory in Milton. Other official high wind gusts included 70 mph on Nantucket, 61 mph in Hyannis, and 59 mph in Worcester.

The remainder of central and western Massachusetts experienced winds gusting between 45 and 55 mph, and damage reports were more scattered in nature. About 2,400 electric customers in that part of the state were left without power, due to downed tree limbs and wires. Minor flooding was also reported early in the day from locally heavy rainfall.

MAZ012-016-022 **Southern Worcester - Eastern Norfolk - Barnstable**
**25 1500EST
26 1700EST 0 0 Strong Wind**

Strong northwest winds buffeted the higher elevations of southern Worcester and the Blue Hills in eastern Norfolk County, as well as the outer portion of Cape Cod. Sustained winds of 25 to 35 mph were reported, with peak gusts of 45 to 50 mph. No damage was reported.

MAZ002>006-008>013 **Western Franklin - Eastern Franklin - Northern Worcester - Western Middlesex - Western Essex - Western Hampshire - Western Hampden - Eastern Hampshire - Eastern Hampden - Southern Worcester - Western Norfolk**
**30 1300EST
2100EST 0 0 Heavy Snow**

The season's first winter storm dumped up to a foot of snow across western and central Massachusetts. Since the storm occurred on



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MASSACHUSETTS, Central and East

a Saturday, no major problems with travel were noted, aside from flight delays at Worcester Regional Airport. The axis of highest snowfall totals, around one foot, ran from the east slopes of the Berkshires in Hampshire and Hampden Counties across much of Worcester County and into northern Middlesex County. From the immediate Boston area to the south shore, snow changed to rain after 1 to 4 inches of accumulation.

Some snowfall totals reported include 12 inches in Palmer, Townsend, Westford, Fitchburg, and Spencer; 10 to 11 inches in Holland, Southwick, Northampton, Littleton, Tyngsboro, Worcester, and Sturbridge; 8 to 10 inches in Leverett, Chicopee, West Springfield, Amherst, Hopkinton, and Westboro; and 6 to 8 inches in Sunderland, Agawam, Williamsburg, Lowell, Bellingham, and West Brookfield.

MAZ022>024

Barnstable - Dukes - Nantucket

| | | | | |
|----|---------|---|---|-------------|
| 30 | 1400EST | 0 | 0 | Strong Wind |
| 31 | 1900EST | | | |

Strong northwest winds buffeted Cape Cod and the Islands. Sustained winds of 25 to 35 mph were reported, with frequent gusts to between 40 and 50 mph. No damage was reported.

NEW HAMPSHIRE, Southern

NHZ011>012

Cheshire - Hillsborough

| | | | | |
|----|---------|---|---|-------------|
| 12 | 0800EST | 0 | 0 | Strong Wind |
| | 1800EST | | | |

Strong winds buffeted southwest New Hampshire ahead of a cold front. Gusts of 45 to 55 mph resulted in scattered occurrences of downed tree limbs and wires. About 2,500 electric customers in Cheshire and Hillsborough Counties were left without power, with the greatest concentration in and around Manchester.

NHZ011

Cheshire

| | | | | |
|----|---------|---|---|-------------|
| 17 | 1100EST | 0 | 0 | Strong Wind |
| | 1200EST | | | |

NHZ012

Hillsborough

| | | | | |
|----|---------|---|---|-----------------|
| 17 | 1100EST | 0 | 0 | High Wind (G50) |
| | 2200EST | | | |

A rapidly strengthening low pressure system west of New England brought a period of damaging southerly winds to southwest New Hampshire, as lines of showers passed through southern New England. Following the passage of a strong cold front in the afternoon, increasing northwest winds caused additional damage. Peak wind gusts of nearly 60 mph were common in Hillsborough County, where there were several reports of downed trees. Damage was more scattered in nature across Cheshire County, where peak winds were between 45 and 55 mph. Minor flooding was also reported early in the day in Cheshire County, where locally heavy rain fell.

NHZ011>012

Cheshire - Hillsborough

| | | | | |
|----|---------|---|---|------------|
| 30 | 1300EST | 0 | 0 | Heavy Snow |
| | 2100EST | | | |

The season's first winter storm dumped up to a foot of snow in southwest New Hampshire. Since the storm occurred on a Saturday, no major travel problems were noted, aside from flight delays at Manchester Airport. Some of the snowfall totals reported include 13 inches in Jaffrey; 11 inches in Rindge and Franconia; 10 inches in Peterborough, Swansey, Bedford, Temple, Nashua, and Mason; and 8 to 9 inches in Keene, Milford, and Amherst.

RHODE ISLAND

RIZ001-006

Northwest Providence - Washington

| | | | | |
|----|---------|---|---|-----------------|
| 12 | 0800EST | 0 | 0 | High Wind (G50) |
| | 1800EST | | | |



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RHODE ISLAND

RIZ002>005-007

Southeast Providence - Western Kent - Eastern Kent - Bristol - Newport

| | | | | | | | | | |
|----|--------------------|--|--|---|---|--|--|--|--------------------|
| 12 | 0800EST 1800EST | | | 0 | 0 | | | | Strong Wind |
|----|--------------------|--|--|---|---|--|--|--|--------------------|

A strong cold front brought damaging wind gusts to portions of Rhode Island. Even though there were scattered reports of wind damage throughout the Ocean State, the strongest winds of nearly 60 mph were felt in the higher terrain of northwest Providence County, and along the coastal plain of Washington County. There were many reports of downed trees, tree limbs, and wires in these areas. About 3,500 electric customers lost power statewide. In addition, the combination of strong southwest winds ahead of the front and a high astronomical tide caused minor coastal flooding in low lying areas of eastern Narragansett Bay, including Bristol, Barrington, and Newport.

RIZ001>007

Northwest Providence - Southeast Providence - Western Kent - Eastern Kent - Bristol - Washington - Newport

| | | | | | | | | | |
|----|--------------------|--|--|---|---|--|--|--|------------------------|
| 17 | 1100EST 2200EST | | | 0 | 2 | | | | High Wind (G50) |
|----|--------------------|--|--|---|---|--|--|--|------------------------|

A rapidly strengthening low pressure system west of New England brought a period of damaging southerly winds to much of the Ocean State, as lines of showers passed through southern New England. Following the passage of a strong cold front later in the day, increasing northwest winds caused damage over much of the state once again. Peak wind gusts of nearly 60 mph were common throughout Rhode Island, resulting in countless reports of downed trees, tree limbs, and power lines. About 5,700 electric customers were left without power statewide. Two people were injured just outside Providence, when the car they were driving in was struck by a falling tree. High winds and rough seas forced the cancellation of at least one run of the Block Island Ferry.

RIZ001-003

Northwest Providence - Western Kent

| | | | | | | | | | |
|----|--------------------|--|--|---|---|--|--|--|-------------------|
| 30 | 1300EST 2100EST | | | 0 | 0 | | | | Heavy Snow |
|----|--------------------|--|--|---|---|--|--|--|-------------------|

The season's first winter storm dumped 6 to 9 inches of snow in western Kent and northwest Providence Counties. Since the storm occurred on a Saturday, no major problems with travel were noted. The immediate Providence area down to the south coast reported 1 to 4 inches of snow, before a change to rain occurred.

Some of the higher snowfall totals reported include 9 inches in Burrillville; 8 inches in North Foster; 7 inches in Cumberland, Woonsocket, and North Smithfield; and 6 inches in Scituate, Smithfield, Coventry, and West Greenwich.

RIZ006

Washington

| | | | | | | | | | |
|----|---------|--|--|---|---|--|--|--|--------------------|
| 30 | 1300EST | | | 0 | 0 | | | | Strong Wind |
| 31 | 1700EST | | | | | | | | |

Strong northwest winds buffeted south coastal Rhode Island. Block Island reported sustained winds of 25 to 35 mph with frequent gusts between 40 and 50 mph. No damage was reported.